LOCATION DEFINED CONTROL OF CELLULAR SYSTEM DEREK JOHNSON ET AL ATTORNEY DOCKET NO. BLL-0222 (01053)

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Determining a position vector 410

Determining a velocity vector

420

Identifying candidate cells by correlating the position vector and velocity vector to a road or highway by accessing a geographic information system (GIS) database and processing the velocity vector to determine the road or highway that the portable wireless devices appears to be traveling.

430

335

Evaluating RSSI and/or BER of candidate cells

440

FIG. 4